



National Aeronautics and
Space Administration
Washington, DC 20546

Procurement Information Circular

PIC 23-02
July 20, 2023

Earned Value Management (EVM) Update to Integrated Program Management Data and Analysis Report (IPMDAR) requirement (NASA Case N023-019)

PURPOSE: To provide contracting officers notification of the new IPMDAR standard and requirement for EVM (NFS 1834.2), which replaces the obsolete Integrated Program Management Report (IPMR) standard (PIC 15-06), effective immediately.

BACKGROUND: The IPMR became obsolete in April 2020 when the Department of Defense officially implemented IPMDAR for all new solicitations and contract awards requiring EVM. The Integrated Program Management Data Analysis Report (IPMDAR) contains data for measuring contract execution progress on NASA contracts. The IPMDAR requirement is comprised of three components: the Contract Performance Dataset (CPD), the Schedule (to include Native Schedule and Schedule Performance Dataset (SPD)), and the Performance Narrative (to include Executive Summary and Detailed Analysis).

NASA is adopting the IPMDAR to improve integration of cost and schedule information in reporting requirements under acquisitions involving EVM. The IPMDAR provides performance data that can be used to track and identify problems early in the acquisition life cycle and forecast future acquisition performance. The IPMDAR is the primary means to communicate cost and schedule metric trends on the program/project status and to assess future performance to achieve program/project success (i.e., meet the technical requirements on schedule and within budgets).

The earlier IPMR and CPR requirements are oriented toward physical reporting formats whereas the IPMDAR focus is on cost and schedule data that needs to be provided electronically each period. The IPMDAR requires three sets of data:

1. Contract Performance Dataset (CPD) - The Contract Performance Dataset (CPD) comprises performance/execution data from the contractor's existing

management systems and contains multiple files in an industry standard format called JavaScript Object Notation (JSON).

2. Schedule Performance Dataset (SPD) - The Schedule Performance Dataset (SPD) comprises a native file format of the integrated master schedule (IMS) and the SPD that contains multiple files of schedule related data in the JSON format.
3. Performance Narrative Report - A Performance Narrative Report consisting of an Executive Summary and Detailed Analysis Report will typically be in DOCX or PDF format and is like the earlier CPR/IPMR Format 5.

Depending on the specifics of the contract this data can be considerably more detailed than the earlier guidelines. These datasets are delivered to the NASA customer per instructions in the IPMDAR data requirements descriptions (DRDs)/Contract Data Requirements List (CDRL) and uploaded to NASA's EVM-CR (Central Repository) at the agreed dates.

NASA's EVM Working Group has developed an IPMDAR Tailoring Supplement that is intended to help acquisition teams, including Program/Project Managers, EVM, procurement and financial management personnel, develop and prepare IPMDAR DRDs/CDRLs. Contracting Officers (CO) shall include a DRD/CDRL developed by the requiring organization in solicitations and contracts. The IPMDAR Tailoring Supplement provides more detailed information about the IPMDAR, identifies options for tailoring to specific types of acquisitions, provides definitions and instructions for the contractor/supplier, and provides a sample IPMDAR DRD. The NASA IPMDAR Tailoring Supplement can be found on NASA's EVM website at: www.nasa.gov/evm and the specific URL hotlink is as follows: nasa.gov/evm/regulations

GUIDANCE: Contracting officers shall include the EVM IPMDAR DRD in all new solicitations issued as of the effective date of this PIC that require EVMS (see NFS 1834.201 and PCD 15-05 for when EVM is required).

EFFECTIVE DATE: This PIC is effective as dated and shall remain in effect until cancelled or superseded.

PROVISION AND CLAUSE CHANGES: None.

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